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(71) Applicant

Peter Simper Enterprises Limited

(Incorporated in United Kingdom)

P O Box 43, 13/14 The Mallings, Brassmill Lane,  
Bath, BA2 3DE

(72) Inventors

Nell Beverley Coates  
Roger John Gately

(74) Agent and/or Address for Service

Barker Brettell & Duncan  
138 Hagley Road, Edgbaston, Birmingham, B16 9PW

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(58) Field of search

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(54) Amusement-with-prizes gaming machines

(57) A fruit machine installation provides the facility both for normal games, in which winnings up to a certain amount are paid out or credited as cash but winnings in excess of that amount are paid out or credited as tokens, and for skill games which can be paid for by tokens and for which prizes are awarded as cash.

AMUSEMENT-WITH-PRIZES GAMING MACHINES

This invention relates to coin-released amusement-with-prizes gaming machines and particularly,  
5 but not exclusively, to so-called "fruit machines".

In a conventional fruit machine there are three or four rotatable reels, or their optical equivalents, which carry a series of symbols (which need not be  
10 fruits) and prizes are awarded primarily in dependence upon the combination of symbols that is achieved on a combination line or in a combination field when the reels stop spinning.

15 At the present time, in accordance with the U.K. gaming laws, a maximum cash price of £2 is arranged to be payable by many machines. For larger wins the win is paid out to the player in tokens, and the current maximum for such token payments is £4.

20 When a player wins tokens he can either re-insert the tokens into the machine in order to play further games or he can take them to the barman or proprietor of the establishment in which the fruit machine is  
25 situated to have the tokens exchanged for a prize or prizes, usually drinks, cigarettes or other items on sale in the establishment.

30 Players generally much prefer to receive their winnings in cash rather than tokens. The barman often dislikes dealing with the tokens for various reasons. For example he is usually attending to his other duties, and the process by which such tokens are subsequently fed back into the machine by the barman  
35 can later lead to disputes with the person responsible

for collection of money from the machine, as to the amount re-inserted.

According to the invention we provide a  
5 coin-released amusement-with-prizes gaming machine  
installation of the kind which is arranged to pay out  
prizes in cash for wins up to a predetermined maximum  
cash amount, or to record those prizes on a cash credit  
10 register for subsequently paying out as cash, and to  
pay out prizes in tokens for wins greater than that  
amount, or to record those prizes on a token credit  
register for subsequently paying out as tokens, or of  
the kind in which all prizes are paid out as tokens or  
15 recorded on a token credit register, the installation  
being so arranged as to permit the machine player to  
choose to play a game involving player skill that is  
paid for by the player inserting into the installation  
one or more tokens, or by decrementing said token  
20 credit register if provided, any winnings in the skill  
game being paid out, or credited, to the player as cash.

Thus, the installation is arranged to provide, as  
an alternative to the normal games playable on the  
machine, a skill game which the player can choose to  
25 play in order to spend his tokens or token credits that  
he has won in previous games, and if he is successful  
in playing the skill game the winnings are in cash.

The amount of the average winnings in a skill game  
30 is preferably made equal to the value of the tokens  
inserted for initiating the skill games.

The installation may comprise only a single gaming  
machine in which case the machine itself is provided  
35 with the facility for playing the skill game, but if  
desired the skill game may be provided by a separate

skill game machine which may be alongside or in the vicinity of the machine which provides the normal games in which tokens may be awarded as winnings.

5           An advantage of providing the skill game in a separate machine is that the main machine can be freed for other players whilst a player is playing the skill games with his tokens.

10           When the skill game and normal games are afforded by a single machine then it would be possible to provide a separate token slot into which the player inserts a token to select a skill game, but preferably only a single slot is provided which is also used for  
15           coins and tokens to pay for a normal game, and a player-operable means is provided to enable the player to choose either a normal game or a skill game when he inserts a token.

20           The player-operable means may simply be a button which the player presses if he requires a skill game rather than a normal game.

25           It should be appreciated that the use of the term "skill game" is not intended to imply that the normal game on such an installation does not involve an element of skill. The normal game or games may or may not involve some degree of skill and, indeed, the skill game could be identical to one or more of the elements  
30           of the normal game, but then other elements of the normal game will involve less skill than the skill involved in the skill game.

35           The nature of the skill game is not important to the invention, except that it should preferably involve sufficient skill so as not to come within the

provisions of the relevant gaming laws as representing in itself a game of chance. That is, if a machine were to be constructed in which the skill game was the only game playable on the machine that machine would be  
5 considered to be a skill-with-prizes machine rather than a gaming machine.

Currently, in the United Kingdom, the term "game of chance" is defined in Section 52(1) of the Gaming  
10 Act 1968.

A preferred feature of the invention is primarily concerned with preventing someone who has a stock of tokens, which he has not obtained by recently playing  
15 the machine installation, from playing the skill game and, in effect, converting many of them into cash.

According to the preferred feature the machine installation is arranged to record the numbers of  
20 tokens paid out, or credited, by the installation in recent games and to determine the availability of the skill game in dependence upon the recorded number.

When the installation comprises two separate  
25 machines to provide the normal and skill games respectively, a data link would be provided between the machines to communicate said recorded number.

Preferably the availability of the skill game is  
30 automatically determined such that substantially only that number of tokens paid out in recent games on the installation can be accepted for playing skill games.

Alternatively, however, the availability of the  
35 skill game could be determined such that more, or

possibly less, tokens than have been paid out in recent games can be accepted for playing skill games.

5 It might, for example, be desirable to enable a few more tokens to be used in skill games than have recently been won, to cater for a player who has a few tokens in his pocket from playing the machine on an earlier occasion.

10 If desired the installation may be arranged such that the skill game is playable not only by inserting tokens into the installation but by inserting cash into the installation, or decrementing a cash register.

15 Various embodiments of the invention will now be described by way of example only.

20 A first embodiment provides a simple skill game that incorporates the "Illuminated Name" feature commonly used on most modern fruit machines. Each letter of the fruit machine name is individually lit by means of a lamp located behind the glass. During the time the conventional amusement with prizes game is in progress, various letters of the name are lit for  
25 various reasons - the end result usually being that when, eventually, all letters are lit, and hence the whole machine name is fully illuminated, a prize is awarded to the player.

30 The player, having pressed a "Press for Skill Game - Token Exchange" button now inserts a token into the coin mechanism of the machine - the token value being 20 pence for example. This causes the "Illuminated Name" lamp arrangement described above to commence  
35 flashing in the following manner. The individual letters are each illuminated in turn starting at the

left and progressing towards the right so that when the last letter of the name (the one furthest to the right) is lit it follows that the whole of the name is then illuminated. After this all the letters go out and the  
5 sequence immediately starts all over again with the letters illuminating from left to right.

The skill needed is the skill required of a player to press the button at the instant when all the letters  
10 in the name are lit and thus "freeze" the name in its fully illuminated state.

When the player succeeds in this he is awarded  
20 pence in cash because of his skilful use of the  
15 feature. He has thus used his skill to exchange a 20 pence token for 20p in cash.

The player repeats this cycle as many times as he chooses within the limitation of the number of tokens  
20 in his possession. He inserts a token, plays a game of skill and, provided he is successful, he receives his reward in cash.

The speed of the flashing sequence can be set as  
25 desired but would usually be set such as to enable most players to be successful for a majority of skill game plays.

In a second embodiment of the invention it is  
30 arranged that on the occasions upon which the player has been unsuccessful in converting his 20 pence token into 20p cash, the 20p cash amount is loaded into a "reserve" and remains there until the next game when, provided the player is successful, he is awarded the  
35 20p in cash as usual, plus the 20p cash from the reserve. This feature may be further extended whereby

20p is loaded into the "Reserve" for every consecutive losing game so that when the player, or some other player, eventually wins, he re-coups all of the accumulated losses stored in the "reserve" in respect of those losing games.

In a third embodiment of the invention the skill game could be so arranged as to give a successful player a larger cash prize than the 20 pence token inserted.

In such an arrangement, it would be necessary to arrange the speed of the flashing light sequence so as to make it more difficult for the player to complete the name.

Alternatively, the game of skill could be so arranged as to give a range of different prizes dependant upon the number of letters lit by the player; the greater the number of illuminated letters the bigger is the prize.

When the player either runs out of tokens to exchange or no longer wishes to play the skill game, he presses another button on the front of the machine and the machine reverts back to the Amusement with Prizes game.

It will be appreciated that the functioning of the machine is controlled by suitable software.



CLAIMS

1. A coin-released amusement-with-prizes gaming  
5 machine installation of the kind which is arranged to  
pay out prizes in cash for wins up to a predetermined  
maximum cash amount, or to record those prizes on a  
cash credit register for subsequently paying out as  
10 cash, and to pay out prizes in tokens for wins greater  
than that amount, or to record those prizes on a token  
credit register for subsequently paying out as tokens,  
or of the kind in which all prizes are paid out as  
tokens or recorded on a token credit register, the  
15 installation being so arranged as to permit the machine  
player to choose to play a game involving player skill  
that is paid for by the player inserting into the  
installation one or more tokens, or by decrementing  
said token credit register if provided, any winnings in  
the skill game being paid out, or credited, to the  
20 player as cash.

2. A machine installation as claimed in Claim 1 which  
is so arranged that the amount of the average winnings  
in a skill game is made equal to the value of the  
25 tokens inserted for initiating the skill games.

3. A machine installation as claimed in Claim 1 or  
Claim 2 comprising only a single gaming machine which  
provides the facility for playing both a normal game  
30 and the skill game.

4. A machine installation as claimed in Claim 3 in  
which the skill game is arranged to be selected by the  
act of inserting a token into a token slot.  
35

5. A machine installation as claimed in Claim 3 in which a single slot is provided for the insertion of both coins or tokens and a player-operable means is provided to enable the player to choose either a normal  
5 game or a skill game when he inserts a token.

6. A machine installation as claimed in Claim 5 in which the player-operable means comprises a player-operable button which when pressed selects a  
10 skill game rather than a normal game.

7. A machine installation as claimed in any of the preceding claims so arranged as to record the numbers of tokens paid out, or credited, by the installation in  
15 recent games and to determine the availability of the skill game in dependence upon the recorded number.

8. A machine installation as claimed in Claim 7 in which the availability of the skill game is automatically determined such that substantially only  
20 that number of tokens paid out in recent games on the installation can be accepted for playing skill games.

9. A machine installation as claimed in any of the preceding claims and so arranged that the skill game is playable not only by inserting tokens into the  
25 installation but by inserting cash into the installation, or decrementing a cash register.

30 10. A machine installation substantially as described herein with particular reference to the first embodiment.

35 11. A machine installation substantially as described herein with particular reference to the second embodiment.

12. A machine installation substantially as described herein with particular reference to the third embodiment.

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